IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) A content editing assistance system comprising:

a mark generator for generating electronic mark data relating to content data;

a take-metadata generator for generating a take-metadata file based on the electronic mark data generated for each take;

a manager for managing the content data and the take-metadata file relating to the content data as separate files;

a list generator for generating electronic-mark-list data based on the take-metadata file; and

an editor for editing the electronic-mark-list data,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

2. (Previously Presented) A video processing apparatus comprising:

a mark generator for generating electronic mark data relating to content data;

a take-metadata generator for generating a take-metadata file for each take, based on the electronic mark data; and

a manager for managing the content data and the take-metadata file relating to the content data as separate files,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

3. (Original) A video processing apparatus according to claim 2, wherein the content data and the electronic mark data included in the take-metadata file are associated with each other by a time-information code that allows the content data to be identified on a frame basis.

4. (Original) A video processing apparatus according to claim 2, wherein the manager records the content data and the take-metadata file on a recording medium as separate files.

5. (Original) A video processing apparatus according to claim 2, wherein the take corresponds to an imaging process that is continued from a start to an end of a single recording operation.

6. (Cancelled)

7. (Previously Presented) A video processing apparatus according to claim 2, wherein the special content data includes flash video data captured with flashing of light when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period.

8. (Previously Presented) A video processing apparatus according to claim 2, wherein the special content data includes large-sound-volume audio data when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

9. (Original) A video processing apparatus according to claim 2, wherein the take-metadata file includes the electronic mark data and a time-information code.

10. (Original) A video processing apparatus according to claim 2, wherein the manager records the content data captured in each take and the take-metadata file relating to the content data together on a recording medium.

11. (Original) A video processing apparatus according to claim 2, wherein the manager records the take-metadata file relating to the content data in a region of a recording medium, the region being separate from a region where the content data captured in each take is recorded.

12. (Original) A video processing apparatus according to claim 2, further comprising an imager for capturing the content data.

13. (Original) A video processing apparatus according to claim 2, wherein the electronic mark data includes an index of the content data.

14. (Previously Presented) A playback apparatus for playing back content data, comprising:

a player for playing back data recorded on a recording medium; and

a list generator for generating electronic-mark-list data based on a take-metadata file generated for each take and recorded on the recording medium together with the content data,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

15. (Original) A playback apparatus according to claim 14, wherein the take corresponds to an imaging process that is continued from a start to an end of a single recording operation.

16. (Previously Presented) An editing apparatus comprising:

an editor for editing electronic-mark-list data that is generated based on a take-metadata file generated for each take and recorded on a recording medium; and

a display controller for displaying the electronic-mark-list data,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

17. (Original) An editing apparatus according to claim 16, wherein the take corresponds to an imaging process that is continued from a start to an end of a single recording operation.

18. (Original) An editing apparatus according to claim 16, wherein the take-metadata file includes the electronic mark data relating to the content data and a time-information code.

19. (Original) An editing apparatus according to claim 16, wherein the editor generates editing-list data for editing content data, based on the electronic-mark-list data having been edited.

20. (Original) An editing apparatus according to claim 16, wherein the editor adds electronic mark data to the electronic-mark-list data.

21. (Currently Amended) A content processing method comprising the steps of:

generating electronic mark data relating to content data, utilizing a mark generator;

generating a take-metadata file based on the electronic mark data generated for each take, utilizing a take-metadata generator;

managing the content data and the take-metadata file relating to the content data as separate files, utilizing a manager unit; ~~and~~

~~generating electronic mark data~~,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

22. (Original) A content processing method according to claim 21, wherein the content data and the electronic mark data included in the take-metadata file are associated with each other by a time-information code that allows the content data to be identified on a frame basis.

23. (Original) A content processing method according to claim 21, wherein the content data and the take-metadata file are recorded and managed on a recording medium as separate files.

24. (Original) A content processing method according to claim 21, wherein the take corresponds to an imaging process that is continued from a start to an end of a single recording operation.

25. (Cancelled)

26. (Previously Presented) A content processing method according to claim 21, wherein the special content data includes flash video data captured with flashing of light when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period.

27. (Previously Presented) A content processing method according to claim 21, wherein the special content data includes large-sound-volume audio data when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

28. (Original) A content processing method according to claim 21, wherein the take-metadata file includes the electronic mark data and a time-information code.

29. (Original) A content processing method according to claim 21, wherein the content data captured in each take and the take-metadata file relating to the content data are recorded together on a recording medium.

30. (Original) A content processing method according to claim 21, wherein the take-metadata file relating to the content data is recorded in a region of a recording medium, the region being separate from a region where the content data captured in each take is recorded.

31. (Original) A content processing method according to claim 21, wherein the electronic mark data includes an index of the content data.

32. (Currently Amended) A content processing method comprising the steps of:

reading a take-metadata file generated for each take and recorded on a recording medium together with content data, utilizing a player; and

generating electronic-mark-list data based on the take-metadata file, utilizing a list generator,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

33. (Previously Presented) A computer readable medium for storing a computer program to execute a content processing method comprising the steps of:

generating electronic mark data relating to content data;

generating a take-metadata file based on the electronic mark data generated for each take; and

managing the content data and the take-metadata file relating to the content data as separate files,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

34. (Previously Presented) A computer readable medium for storing a computer program to execute a content processing method comprising the steps of:

reading a take-metadata file generated for each take and recorded on a recording medium together with content data; and

generating electronic-mark-list data based on the take-metadata file,

wherein the electronic mark indicating a special content data is generated when the mark generator detects a peak of total value of luminance levels of each frame in a predetermined length period, or when the mark generator detects that total value of audio output levels of each frame exceeds a predetermined level within a predetermined length period.

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